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OM protein - protein search, using sw model

Run on: March 9, 2005, 11:36:27 ; Search time 94.3416 Seconds
(without alignments)
868.463 Million cell updates/sec

Title: US-09-591-500A-5
Perfect score: 1288
Sequence: 1 MEMGRIHLRLNRTPSDVK.....EEERGQKRPEDGEDDD 249

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1288	100.0	249	9	US-09-262-610-4
2	1288	100.0	249	9	US-09-825-886-24
3	1288	100.0	249	14	US-10-213-700-4
4	1288	100.0	249	14	US-10-273-334-14
5	1279	99.3	249	14	US-10-273-334-29
6	1255	97.4	249	14	US-10-273-334-10
7	1218	94.6	249	14	US-10-273-334-12
8	1201	93.2	249	14	US-10-273-334-34
9	1043	81.0	234	14	US-10-273-334-24
10	1002	77.8	234	14	US-10-273-334-22
11	1001	77.7	234	14	US-10-273-334-2
12	1001	77.7	234	14	US-10-273-334-49
13	994	77.2	234	14	US-10-273-334-16

14	897.5	69.7	251	9	US-09-262-610-3	Sequence 3, Appli
15	897.5	69.7	251	14	US-10-213-700-3	Sequence 3, Appli
16	880.5	68.4	251	9	US-09-262-610-1	Sequence 1, Appli
17	880.5	68.4	251	14	US-10-213-700-1	Sequence 1, Appli
18	781	60.6	268	15	US-10-104-047-3158	Sequence 3158, Ap
19	633	49.1	130	14	US-10-273-334-31	Sequence 31, Appli
20	631	49.0	130	15	US-10-108-260A-3032	Sequence 3032, Ap
21	607	47.1	130	14	US-10-273-334-5	Sequence 5, Appli
22	584	45.3	130	14	US-10-273-334-8	Sequence 8, Appli
23	584	45.3	130	14	US-10-273-334-18	Sequence 18, Appli
24	584	45.3	130	14	US-10-273-334-20	Sequence 20, Appli
25	584	45.3	130	14	US-10-273-334-27	Sequence 27, Appli
26	574	44.6	131	14	US-10-273-334-48	Sequence 48, Appli
27	414	32.1	272	16	US-10-437-963-168933	Sequence 168933,
28	372	28.9	295	15	US-10-424-599-239171	Sequence 239171,
29	233	18.1	197	13	US-10-101-487-51	Sequence 51, Appli
30	233	18.1	197	13	US-10-101-487-114	Sequence 114, App
31	226	17.5	179	13	US-10-101-487-107	Sequence 107, App
32	223	17.3	180	13	US-10-101-487-116	Sequence 116, App
33	219	17.0	176	13	US-10-101-487-56	Sequence 56, Appli
34	216	16.8	1162	11	US-09-894-273-2	Sequence 2, Appli
35	216	16.8	1162	14	US-10-294-804-2	Sequence 2, Appli
36	215	16.7	174	13	US-10-101-487-72	Sequence 72, Appli
37	215	16.7	175	13	US-10-101-487-57	Sequence 57, Appli
38	215	16.7	176	13	US-10-101-487-70	Sequence 70, Appli
39	215	16.7	177	13	US-10-101-487-48	Sequence 48, Appli
40	215	16.7	177	13	US-10-101-487-115	Sequence 115, App
41	215	16.7	179	13	US-10-101-487-46	Sequence 46, Appli
42	215	16.7	181	13	US-10-101-487-45	Sequence 45, Appli
43	215	16.7	186	13	US-10-101-487-44	Sequence 44, Appli
44	215	16.7	187	13	US-10-101-487-50	Sequence 50, Appli
45	215	16.7	191	13	US-10-101-487-81	Sequence 81, Appli

ALIGNMENTS

RESULT 1

US-09-262-610-4
; Sequence 4, Application US/09262610
; Publication No. US20020068816A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Golli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/262,610
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/766,738
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:

Db	1	MEMGRRHLELRNRTPSDVKELVLDNSRSNGKLEGLTDFEEFELEFSTINVGLTSTIANL	60
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Db	61	PKLNKKLELSDNRVSGGLEVLAEKCPNLTHNLGNKIKDLSTIPLKLENLKSLDL	120
Qy	121	FNCEVTNLDYRNVFKLLPOLTYLDGYDRDKEAPSDAEGYVEGLDDEDEDEEYD	180
Db	121	FNCEVTNLDYRNVFKLLPOLTYLDGYDRDKEAPSDAEGYVEGLDDEDEDEEYD	180
Qy	181	EDAQVDEDEDEDEEGBEEDVSGEERDEGYNDGEVDDDEDEELGEERQKQKRE	240
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Qy	241	PEDEGEDDD 249	
Db	241	PEDEGEDDD 249	
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; Sequence 4, Application US/10213700			
; Publication No. US20030022332A1			
; GENERAL INFORMATION:			
; APPLICANT: Bandman, Olga			
; Goli, Surya K.			
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN			
; NUMBER OF SEQUENCES: 4			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Incyte Pharmaceuticals, Inc.			
; STREET: 3174 Porter Drive			
; CITY: Palo Alto			
; STATE: CA			
; COUNTRY: USA			
; ZIP: 94304			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Diskette			
; COMPUTER: IBM Compatible			
; OPERATING SYSTEM: DOS			
; SOFTWARE: FastSeq for Windows Version 2.0			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/10/213,700			
; FILING DATE: 06-Aug-2002			
; CLASSIFICATION: <Unknown>			
; PRIOR APPLICATION DATA:			
; APPLICATION NUMBER: US/08/766,738			
; FILING DATE: <Unknown>			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Billings, Lucy J.			
; REGISTRATION NUMBER: 36,749			
; REFERENCE/DOCKET NUMBER: PF-0177 US			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: 415-855-0555			
; TELEFAX: 415-845-4166			
; TELEX: <Unknown>			
; INFORMATION FOR SEQ ID NO: 4:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 249 amino acids			
; TYPE: amino acid			
; STRANDEDNESS: single			
; TOPOLOGY: linear			
; IMMEDIATE SOURCE:			
; LIBRARY: GenBank			
; CLONE: 403007			
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:			
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Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
  LENGTH: 249 amino acids
  TYPE: amino acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  IMMEDIATE SOURCE:
  LIBRARY: GenBank
  CLONE: 403007
S-09-262-610-4

Query Match      100.0%; Score 1288; DB 9; Length 249;
Best Local Similarity 100.0%; Pred. No. 5.2e-80;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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b      61  PKLNKLLKLELSNRSVSGGLEVLAEKCPNLTNLNSGNKIKDLSSTIEPLKLENLKSLLD 120

y      121  FNCVETNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGVVEGLDDEEEDDEEYD 180
b      121  FNCVETNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGVVEGLDDEEEDDEEYD 180

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b      181  EDQAQVVEDEDEDEEESGEEDVSGEEDDEEGYNDGEVDDDEDEELGEEERGQKKRE 240

y      241  PEDEGEDDD 249
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RESULT 2
US-09-825-886-24
Sequence 24, Application US/09825886
Publication No. US20020076693A1
GENERAL INFORMATION:
  APPLICANT: Hovanessian, Ara
  APPLICANT: Callebaut, Christian
  APPLICANT: Krust, Bernard
  APPLICANT: Jacotot, Etienne
  APPLICANT: Muller, Sylviane
  APPLICANT: Briand, Jean-Paul
  APPLICANT: Guichard, Giles
  TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
  FILE REFERENCE: 03495.0166-01000
  CURRENT APPLICATION NUMBER: US/09/825,886
  PRIOR FILING DATE: 2001-07-26
  PRIOR FILING DATE: 1999-09-10
  PRIOR FILING DATE: 1998-03-12
  PRIOR FILING DATE: 1997-03-12
  NUMBER OF SEQ ID NOS: 32
  SOFTWARE: PatentIn Ver. 2.1
  SEQ ID NO 24
  LENGTH: 249
  TYPE: PRT
  ORGANISM: Homo sapiens
US-09-825-886-24

Query Match      100.0%; Score 1288; DB 9; Length 249;
Best Local Similarity 100.0%; Pred. No. 5.2e-80;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249
RESULT 8
US-10-273-334-34
; Sequence 34, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 34
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-34
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Best Local Similarity 98.7%; Pred. No. 4.3e-74;
Matches 235; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Db 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENKSLDL 120
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Db 121 FNCVTNLDYRNVFKLLPOLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEEYD 180
Qy 181 EDQVVEDEDEDEEEDVSGEEDEEGYNDGEVDDDEDEELGEEERGQKRE 238
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RESULT 9
US-10-273-334-24
; Sequence 24, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11

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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGEGLTDFEELFSTINVGLTSIANL 60
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Db 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENKSLDL 120
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Db 181 EDQVVEDEDEDEEEDVSGEEDEEGYNDGEVDDDEDEELGEEERGQKRE 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249
RESULT 7
US-10-273-334-12
; Sequence 12, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-12
Query Match 94.6%; Score 1218; DB 14; Length 249;
Best Local Similarity 94.4%; Pred. No. 3e-75; Indels 0; Gaps 0;
Matches 235; Conservative 6; Mismatches 8
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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGEGLTDFEELFSTINVGLTSIANL 60
Qy 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENKSLDL 120
Db 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENKSLDL 120
Qy 121 FNCVTNLDYRNVFKLLPOLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEEYD 180
Db 121 FNCVTNLDYRNVFKLLPOLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEEYD 180
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; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-24

Query Match 81.0%; Score 1043; DB 14; Length 234;
Best Local Similarity 89.5%; Pred. No. 2.2e-63;
Matches 213; Conservative 5; Mismatches 16; Indels 4; Gaps 2;

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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEELFSTINVGLTSIANTL 60

Qy 61 PKLKLKLELSDNRVSGGLEVLAEKCPNLTMLNSGNKIKDLSITIEPLKLENKLSIDL 120
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTMLNSGNKIKDLSITIEPLKLENKLSIDL 116

Qy 121 FNCVNTLNDRYENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 180
Db 117 FNCVNTLNDRYENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 176

Qy 181 EDAQVVEDEDEDEEEDVSGEEDVEGYNDGEVDDDEEELGEEERQK 238
Db 177 EDAQVVEDEDEEEDVSGEEDVEGYNDGEVDDDEEELGEEERQK 234

RESULT 10

US-10-273-334-22
; Sequence 22, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-22

Query Match 77.8%; Score 1002; DB 14; Length 234;
Best Local Similarity 86.1%; Pred. No. 1.4e-60;
Matches 205; Conservative 8; Mismatches 21; Indels 4; Gaps 2;

Qy 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEELFSTINVGLTSIANTL 60
Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEELFSTINVGLTSIANTL 60

Qy 61 PKLKLKLELSDNRVSGGLEVLAEKCPNLTMLNSGNKIKDLSITIEPLKLENKLSIDL 120
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTMLNSGNKIKDLSITIEPLKLENKLSIDL 116

Qy 121 FNCVNTLNDRYENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 180
Db 117 FNCVNTLNDRYENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 176

Qy 181 EDAQVVEDEDEDEEEDVSGEEDVEGYNDGEVDDDEEELGEEERQK 238
Db 177 EDAQVVEDEDEEEDVSGEEDVEGYNDGEVDDDEEELGEEERQK 234

RESULT 11

US-10-273-334-2
; Sequence 2, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-2

Query Match 77.7%; Score 1001; DB 14; Length 234;
Best Local Similarity 86.1%; Pred. No. 1.6e-60;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEELFSTINVGLTSIANTL 60

Qy 61 PKLKLKLELSDNRVSGGLEVLAEKCPNLTMLNSGNKIKDLSITIEPLKLENKLSIDL 120
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTMLNSGNKIKDLSITIEPLKLENKLSIDL 116

Qy 121 FNCVNTLNDRYENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 180
Db 117 FNCVNTLNDRYENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 176

Qy 181 EDAQVVEDEDEDEEEDVSGEEDVEGYNDGEVDDDEEELGEEERQK 238
Db 177 EDAQVVEDEDEEEDVSGEEDVEGYNDGEVDDDEEELGEEERQK 234

RESULT 12

US-10-273-334-49
; Sequence 49, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11

177 EDQVVEDEGEDEEEDVSGDGEDEGYNDGEVDDEDEELGEERQK 234

Db

RESULT 14

US-09-262-610-3

Sequence 3, Application US/09262610

Publication No. US20020068816A1

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Goll, Surya K.

TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/262,610

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/766,738

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0177 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-855-0555

TELEFAX: 415-845-4166

TELEX:

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 251 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GenBank

CLONE: 1498225

US-09-262-610-3

Query Match 69.7%; Score 897.5; DB 9; Length 251;

Best Local Similarity 70.1%; Pred. No. 1.9e-53;

Matches 178; Conservative 38; Mismatches 29; Indels 9; Gaps 4;

QY 1 MEMGRIHLELRNRTSPDVKELVLDNSRSGEGLTDFEELFLSTINVLTSIANL 60

Db 1 MDKRRHLELRNRTPAARVLELVLDNCKSDGKIEGLTAEFVNLBFLSLINVLISVSNL 60

QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSIDL 120

Db 61 PKLPLKLELSENRIFFGLDMLAEKLPNLTHNLSGNKIKDLSLTIPLKLECLKSLDL 120

QY 121 FNCVETNLNDYRENVPFKLPQLTLYDGYDRDKEAPSDAEGYVGLDDEDEDE 176

Db 121 FNCVETNLNDYRESVFKLPQLTLYDGYDRDKEAPSDAE--VDGVDEDEDEDEDE 178

QY 177 EYVDEDAQVVE--DEDEDEDEGEDEEDVSGEEDDEEYNDGEVDDEDEELGEER 234

Db 179 DEDEDEGEDEEEDDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDE 237

QY 235 QKREKPEDEGEDD 248

NUMBER OF SEQ ID NOS: 51

SOFTWARE: PatentIn version 3.1

SEQ ID NO 49

LENGTH: 234

TYPE: PRT

ORGANISM: Homo sapiens

US-10-273-334-49

Query Match 77.7%; Score 1001; DB 14; Length 234;

Best Local Similarity 86.1%; Pred. No. 1.6e-60;

Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTSPDVKELVLDNSRSGEGLTDFEELFLSTINVLTSIANL 60

Db 1 MEMGRIHSELNRAPSDVKELALDLSRSGEGLTDFEELFLSKINGGLTSISDL 60

QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSIDL 120

Db 61 PKL-KURKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 116

QY 121 FNCVETNLNDYRENVPFKLPQLTLYDGYDRDKEAPSDAEGYVGLDDEDEDEEYD 180

Db 117 FNCVETNLNDYGENVFKLLQLLTLYDSCYWDHKEAPSYDIEDHVEGLDDEEGEREYD 176

QY 181 EDQVVEDEDEDEEEDVSGEEDDEGYNDGEVDDEDEELGEERQK 238

Db 177 EDQVVEDEGEDEEEDVSGDGEDEGYNDGEVDDEDEELGEERQK 234

RESULT 13

US-10-273-334-16

Sequence 16, Application US/10273334

Publication No. US20030129631A1

GENERAL INFORMATION:

APPLICANT: Pasternack, Gary R.

APPLICANT: Kochevar, Gerald J.

APPLICANT: Brody, Jonathan R.

APPLICANT: Kokkol, Shrinari S.

TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY

FILE REFERENCE: 031787.0076

CURRENT APPLICATION NUMBER: US/10/273,334

CURRENT FILING DATE: 2002-10-18

PRIOR APPLICATION NUMBER: US/09/591,500

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: PCT/US98/26433

PRIOR FILING DATE: 1998-12-11

PRIOR APPLICATION NUMBER: US 60/069,677

PRIOR FILING DATE: 1997-12-11

NUMBER OF SEQ ID NOS: 51

SOFTWARE: PatentIn version 3.1

SEQ ID NO 16

LENGTH: 234

TYPE: PRT

ORGANISM: Homo sapiens

US-10-273-334-16

Query Match 77.2%; Score 994; DB 14; Length 234;

Best Local Similarity 85.7%; Pred. No. 4.7e-60;

Matches 204; Conservative 7; Mismatches 23; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTSPDVKELVLDNSRSGEGLTDFEELFLSTINVLTSIANL 60

Db 1 MEMGRIHSELNRAPSDVKELALDLSRSGEGLTDFEELFLSKINGGLTSISDL 60

QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSIDL 120

Db 61 PKL-KURKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 116

QY 121 FNCVETNLNDYRENVPFKLPQLTLYDGYDRDKEAPSDAEGYVGLDDEDEDEEYD 180

Db 117 FNCVETNLNDYGENVFKLLQLLTLYDSCYWDHKEAPSYDIEDHVEGLDDEEGEREYD 176

QY 181 EDQVVEDEDEDEEEDVSGEEDDEGYNDGEVDDEDEELGEERQK 238

Db 238 EKRRRTDDEGEDD 251

Search completed: March 9, 2005, 11:55:57
Job time : 95.3416 secs

Db 238 EKRRRTDDEGEDD 251

RESULT 15
US-10-213-700-3
; Sequence 3, Application US/10213700
; Publication No. US20030022332A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/213,700
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
; US-10-213-700-3

Query Match 69.7%; Score 897.5; DB 14; Length 251;
Best Local Similarity 70.1%; Pred. No. 1.9e-53;
Matches 178; Conservative 38; Mismatches 29; Indels 9; Gaps 4;

Qy 1 MEMGRRHLELRNRTPSDVKELVLDNRSNEGKLEGLTDFEFLSTINVLGTSIANL 60
Db 1 MDMKRRHLELRNRTPAAVRELVDNCKNSDNGKIEG/TAEFVNLEFLINVLISVSNL 60
Qy 61 PKLNKLEKLESDNRVSGGLEVLAEKCPNLTNLNLSGNKIKDLSLTPLEPKLENLSL 120
Db 61 PKLPKLEKLESENRIFFGGLDMLAEKLPNLTNLNLSGNKIKDLSLTPLEPKLEKLSL 120
Qy 121 FNCVNTNLNDYRNVFKLLPQLTLYDGYDRDDKEAPDSDAEGVVEGLDDDEEDE 176
Db 121 FNCVNTNLNDYRNVFKLLPQLTLYDGYDRDDKEAPDSDAEGVVEGLDDDEEDE 178
Qy 177 EYDEDAQVVE--DEDEDEEEBEEBEEBEEBEEBEEBEEBEEBEEBEEBEEBEE 234
Db 179 DEDEDEGEEREEFDEDEDEDEVEGDEDDDEVSEEEEFGLDEDEDEDEDEE-EGGKG 237
Qy 235 QKRRPPEDEGEDD 248

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OM protein - protein search, using sw model

Run on: March 9, 2005, 11:20:27 ; Search time 31.4472 Seconds
(without alignments)
591.074 Million cell updates/sec

Title: US-09-591-500A-5
Perfect score: 1288
Sequence: 1 MEMGRIHLELRNTPSDVK.....EEERGQKRXREPDEGEDDD 249

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgn2_6/ptodata/1/iaa/5A.COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B.COMB.pep.*
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6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1288	100.0	249	1	US-08-466-603-2
2	1288	100.0	249	1	US-08-314-503A-2
3	1288	100.0	249	1	US-08-468-066-2
4	1288	100.0	249	2	US-08-466-717-2
5	1288	100.0	249	2	US-08-766-738-4
6	1288	100.0	249	3	US-08-466-743-2
7	1288	100.0	249	4	US-09-262-610-4
8	1288	100.0	249	4	US-09-538-092-1101
9	1288	100.0	275	5	PCT-US95-12414-2
10	1288	100.0	275	4	US-09-949-016-7893
11	1277.5	99.2	250	4	US-09-190-976B-17
12	897.5	69.7	251	2	US-08-766-738-3
13	897.5	69.7	251	2	US-09-262-610-3
14	880.5	68.4	251	2	US-08-766-738-1
15	880.5	68.4	251	4	US-09-262-610-1
16	843	65.5	182	1	US-08-466-603-5
17	843	65.5	182	1	US-08-314-503A-5
18	843	65.5	182	1	US-08-468-066-5
19	843	65.5	182	2	US-08-466-717-5
20	843	65.5	182	3	US-08-466-743-5
21	843	65.5	182	5	PCT-US95-12414-5
22	216	16.8	1162	2	US-08-728-323A-2
23	216	16.8	1162	3	US-09-298-568-2
24	216	16.8	1162	4	US-09-410-399-2
25	216	16.8	1162	4	US-09-894-273-2
26	198	15.4	557	4	US-09-248-796A-19073
27	197.5	15.3	905	2	US-08-574-959A-9

28	197.5	15.3	905	3	US-09-357-014-9	Sequence 9, Appli
29	197.5	15.3	1135	2	US-08-574-959A-7	Sequence 7, Appli
30	197.5	15.3	1135	3	US-09-357-014-7	Sequence 7, Appli
31	188.5	14.6	279	4	US-09-699-266A-7	Sequence 7, Appli
32	182.5	14.2	764	1	US-08-375-300-4	Sequence 4, Appli
33	182.5	14.2	764	3	US-09-177-431-4	Sequence 4, Appli
34	182.5	14.2	764	5	PCT-US95-16930-4	Sequence 4, Appli
35	182.5	14.2	1089	1	US-08-375-300-2	Sequence 2, Appli
36	182.5	14.2	1089	3	US-09-177-431-2	Sequence 2, Appli
37	182.5	14.2	1089	5	PCT-US95-16930-2	Sequence 2, Appli
38	178.5	13.9	564	4	US-09-792-024-68	Sequence 68, Appli
39	174	13.5	568	4	US-09-949-016-10896	Sequence 10896, A
40	174	13.5	587	4	US-09-538-092-1130	Sequence 1130, Ap
41	174	13.5	714	2	US-08-990-114-3	Sequence 3, Appli
42	174	13.5	714	3	US-09-241-333-3	Sequence 3, Appli
43	173	13.4	599	4	US-09-538-092-864	Sequence 864, App
44	172	13.4	706	4	US-09-538-092-957	Sequence 957, App
45	172	13.4	747	4	US-09-949-016-10040	Sequence 10040, A

ALIGNMENTS

RESULT 1
US-08-466-603-2
; Sequence 2, Application US/08466603
; Patent No. 5726018
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: NO. 5726018el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,603
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-466-603-2

Query Match 100.0%; Score 1288; DB 1; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MEMGRIHLELRNTPSDVKELVDNRSNEGKLEGLTDFEFEEFLSTINGVLTSLANL 60
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Db 181 EDQVVEDEDEDEEEGEEEDVSGEEDEEGYNDGEVDDEDEDEBELGEEERQKKRE 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 4
US-08-466-717-2
; Sequence 2, Application US/08466717
; Patent No. 5874234
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: No. 5874234el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,717
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-466-717-2

Query Match 100.0%; Score 1288; DB 2; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Qy 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTHTLNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Db 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTHTLNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Qy 121 FNCEVTNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDDEDEDEEYD 180
Db 121 FNCEVTNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDDEDEDEEYD 180
Qy 181 EDQVVEDEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEDEBELGEEERQKKRE 240
Db 181 EDQVVEDEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEDEBELGEEERQKKRE 240
Qy 241 PEDEGEDDD 249

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Db 241 PEDEGEDDD 249

RESULT 5
US-08-766-738-4
; Sequence 4, Application US/08766738
; Patent No. 5916749
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 403007
US-08-766-738-4

Query Match 100.0%; Score 1288; DB 2; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Qy 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTHTLNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Db 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTHTLNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Qy 121 FNCEVTNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDDEDEDEEYD 180
Db 121 FNCEVTNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDDEDEDEEYD 180
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Db 181 EDQVVEDEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEDEBELGEEERQKKRE 240
Qy 241 PEDEGEDDD 249

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US-09-262-610-4

Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09262,610
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/766,738
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PP-0177 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 249 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 403007
US-09-262-610-4

Query Match 100.0%; Score 1288; DB 4; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRIHLELRNTPSDVKELVLDNSRNECKLEGLTDEFEELFLSTINVGLTSIANL 60
Db 1 MEMGRIHLELRNTPSDVKELVLDNSRNECKLEGLTDEFEELFLSTINVGLTSIANL 60
Qy 61 PKLNKLLKLELSDNRVSGGLEVLAEKCPNLTHNLGNKIKDLSIEPLKKLENKSLDL 120
Db 61 PKLNKLLKLELSDNRVSGGLEVLAEKCPNLTHNLGNKIKDLSIEPLKKLENKSLDL 120
Qy 121 FNCVTNLNDYRENVFKLLPOLTYLDGYDRDKKEAPDSDAEGYVGLDDDEEEDYYD 180
Db 121 FNCVTNLNDYRENVFKLLPOLTYLDGYDRDKKEAPDSDAEGYVGLDDDEEEDYYD 180
Qy 181 EDQAQVVEDEDEEEGEEDVSGBEEDEGYNDGEVDDEDEEELGEERGQKRRE 240
Db 181 EDQAQVVEDEDEEEGEEDVSGBEEDEGYNDGEVDDEDEEELGEERGQKRRE 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 8
US-09-538-092-1101

US-08-466-743-2

Sequence 2, Application US/08466743
Patent No. 6040173
GENERAL INFORMATION:
APPLICANT: Pasternack, Gary R.
APPLICANT: Kuhajda, Francis P.
TITLE OF INVENTION: Novel Mammalian Protein Associated With
Uncontrolled Cell Division
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, N.W.
CITY: Washington, D.C.
STATE: District of Columbia
COUNTRY: U.S.A.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08466,743
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08314,503
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Povorske Esq., Laurence H.
REGISTRATION NUMBER: 34,698
REFERENCE/DOCKET NUMBER: 1107.47218
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9153
TELEFAX: 202 508-9299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 249 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-743-2

Query Match 100.0%; Score 1288; DB 3; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRIHLELRNTPSDVKELVLDNSRNECKLEGLTDEFEELFLSTINVGLTSIANL 60
Db 1 MEMGRIHLELRNTPSDVKELVLDNSRNECKLEGLTDEFEELFLSTINVGLTSIANL 60
Qy 61 PKLNKLLKLELSDNRVSGGLEVLAEKCPNLTHNLGNKIKDLSIEPLKKLENKSLDL 120
Db 61 PKLNKLLKLELSDNRVSGGLEVLAEKCPNLTHNLGNKIKDLSIEPLKKLENKSLDL 120
Qy 121 FNCVTNLNDYRENVFKLLPOLTYLDGYDRDKKEAPDSDAEGYVGLDDDEEEDYYD 180
Db 121 FNCVTNLNDYRENVFKLLPOLTYLDGYDRDKKEAPDSDAEGYVGLDDDEEEDYYD 180
Qy 181 EDQAQVVEDEDEEEGEEDVSGBEEDEGYNDGEVDDEDEEELGEERGQKRRE 240
Db 181 EDQAQVVEDEDEEEGEEDVSGBEEDEGYNDGEVDDEDEEELGEERGQKRRE 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 7
US-09-538-092-1101

; Sequence 1101, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuratSeqformatter Version 0.9
; SEQ ID NO 1101
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P39687
US-09-538-092-1101

Query Match 100.0%; Score 1288; DB 4; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Qy 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSITIEPLKLENLKSIDL 120
Db 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSITIEPLKLENLKSIDL 120
Qy 121 FNCVNTNLDYRENVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Db 121 FNCVNTNLDYRENVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Qy 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Db 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 9
PCT-US95-12414-2
; Sequence 2, Application PC/TUS9512414
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: Novel Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/12414

; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoscheit Esq., Dale H.
; REGISTRATION NUMBER: 19,090
; REFERENCE/DOCKET NUMBER: 1107.51507
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9239
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-12414-2

Query Match 100.0%; Score 1288; DB 5; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Qy 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSITIEPLKLENLKSIDL 120
Db 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSITIEPLKLENLKSIDL 120
Qy 121 FNCVNTNLDYRENVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Db 121 FNCVNTNLDYRENVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Qy 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Db 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 10
US-09-949-016-7893
; Sequence 7893, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7893
; LENGTH: 275
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7893

Query Match 100.0%; Score 1288; DB 4; Length 275;
Best Local Similarity 100.0%; Pred. No. 5.3e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEMGRIHLELRNTPSDVKELVLDNSRSGKLEGLTDFEFLSTINVLTSIANL 60
DB 27 MEMGRIHLELRNTPSDVKELVLDNSRSGKLEGLTDFEFLSTINVLTSIANL 86
QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSLTIPLKLENKSLDL 120
DB 87 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSLTIPLKLENKSLDL 146
QY 121 FNCVNTLNLDYRNVFKLLPQLTLYLDGYDRDDKEAPSDAEGYVGGGLDDEDEDEEYD 180
DB 147 FNCVNTLNLDYRNVFKLLPQLTLYLDGYDRDDKEAPSDAEGYVGGGLDDEDEDEEYD 206
QY 181 EDAQVVEDEDEDEEGBEEDVSGBEEDGYNDGEVDDDEDEEELGEEERGGQKRRE 240
DB 207 EDAQVVEDEDEDEEGBEEDVSGBEEDGYNDGEVDDDEDEEELGEEERGGQKRRE 266
QY 241 PEDEGEDDD 249
DB 267 PEDEGEDDD 275

RESULT 11
US-09-190-976B-17
; Sequence 17, Application US/09190976B
; Patent No. 6815187
; GENERAL INFORMATION:
; APPLICANT: Simons, Michael
; Horowitz, Arie
; TITLE OF INVENTION: Stimulation of angiogenesis via
; syndecan-4 cytoplasmic domain signaling pathway
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David Prashker, Esq.
; STREET: P.O. Box 5387
; CITY: Magnolia
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01930
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
; COMPUTER: Dell PC
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Microsoft Word version 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/190,976B
; FILING DATE: 12-No. 6815187-1998
; CLASSIFICATION: Unknown
; ATTORNEY/AGENT INFORMATION:
; NAME: David Prashker, Esq.
; REGISTRATION NUMBER: 29,693
; REFERENCE/DOCKET NUMBER: BIS-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (978) 525-3794
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 250 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-190-976B-17

Query Match 99.2%; Score 1277.5; DB 4; Length 250;
Best Local Similarity 99.6%; Pred. No. 3.6e-101;
Matches 249; Conservative 0; Mismatches 0; Indels 1; Gaps 1;
QY 1 MEMGRIHLELRNTPSDVKELVLDNSRSGKLEGLTDFEFLSTINVLTSIANL 60
DB 1 MEMGRIHLELRNTPSDVKELVLDNSRSGKLEGLTDFEFLSTINVLTSIANL 60
QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSLTIPLKLENKSLDL 120

QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSLTIPLKLENKSLDL 120
QY 121 FNCVNTLNLDYRNVFKLLPQLTLYLDGYDRDDKEAPSDAEGYVGGGLDDEDEDEEYD 180
QY 121 FNCVNTLNLDYRNVFKLLPQLTLYLDGYDRDDKEAPSDAEGYVGGGLDDEDEDEEYD 180
QY 181 EDAQVVEDEDEDEEGBEEDVSGBEEDGYNDGEVDDDEDEEELGEEERGGQKRK-R 239
DB 181 EDAQVVEDEDEDEEGBEEDVSGBEEDGYNDGEVDDDEDEEELGEEERGGQKRK-R 240
QY 240 EPEDEGEDDD 249
DB 241 EPEDEGEDDD 250

RESULT 12
US-08-766-738-3
; Sequence 3, Application US/08766738
; Patent No. 5916749
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
; US-08-766-738-3

Query Match 59.7%; Score 897.5; DB 2; Length 251;
Best Local Similarity 70.1%; Pred. No. 8.6e-69;
Matches 178; Conservative 38; Mismatches 29; Indels 9; Gaps 4;
QY 1 MEMGRIHLELRNTPSDVKELVLDNSRSGKLEGLTDFEFLSTINVLTSIANL 60
DB 1 MDWKRIHLELRNTPAAVRELVDNCKSDGKIEGLTAEFVNLEFLSLINVGLISVNL 60
QY 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLNSGNKIKDLSLTIPLKLENKSLDL 120

Db 61 PKLKKLSENRIFGGLDMLAEKLPNLTNLNSGNKLDISTLEPLKKLECKLSIDL 120
Qy 121 FNCVTNLDYRENVFKLLPQLTLYLDGYDRDDKEAPDSADRGYVEGLDDEEDE 176
Dd 121 FNCVTNLDYRENVFKLLPQLTLYLDGYDRDDKEAPDSADRGYVEGLDDEE 178
Qy 177 EYEDDAQVVE--DEEDEDDEEERDVSDEEDEDGYNDGEVDDDEEELGEERBG 234
Dd 179 DEDEDGEEEFDE 237
Qy 235 QKREPEDEGEDD 248
Dd 238 EKRETDDEGEDD 251

RESULT 13

US-09-262-610-3
; Sequence 3, Application US/09262610
; Patent No. 6428949
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/766,738
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0177 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 251 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 1498225

US-09-262-610-3

Query Match 69.7%; Score 897.5; DB 4; Length 251;
Best Local Similarity 70.1%; Pred. No. 8.6e-69;
Matches 178; Conservative 38; Mismatches 29; Indels 9; Gaps 4;

Qy 1 MEMGRRTHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELFELSTINVLTSIANL 60
Dd 1 MDKRRTHLELRNTPAARVRELVDNCKSDGKIEGLTAEFVNLEFLSLINVLISVSNL 60
Qy 61 PKLNKLLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPLKLENLKSLDL 120
Dd 61 PKLPKLLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPLKLENLKSLDL 120

Qy 121 FNCVTNLDYRENVFKLLPQLTLYLDGYDRDDKEAPDSADRGYVEGLDDEEDE 176
Dd 121 FNCVTNLDYRENVFKLLPQLTLYLDGYDRDDKEAPDSADRGYVEGLDDEE 178
Qy 177 EYEDDAQVVE--DEEDEDDEEERDVSDEEDEDGYNDGEVDDDEEELGEERBG 234
Dd 179 DEDEDGEEEFDE 237
Qy 235 QKREPEDEGEDD 248
Dd 238 EKRETDDEGEDD 251

RESULT 14

US-08-766-738-1
; Sequence 1, Application US/08766738
; Patent No. 5916749

GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,738
FILING DATE: Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0177 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 251 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: Consensus
CLONE: 1813361

US-08-766-738-1

Query Match 68.4%; Score 880.5; DB 2; Length 251;
Best Local Similarity 68.1%; Pred. No. 2.4e-67;
Matches 173; Conservative 39; Mismatches 33; Indels 9; Gaps 3;

Qy 1 MEMGRRTHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELFELSTINVLTSIANL 60
Dd 1 MDKRRTHLELRNTPAARVRELVDNCKSDGKIEGLTAEFVNLEFLSLINVLISVSNL 60
Qy 61 PKLNKLLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPLKLENLKSLDL 120
Dd 61 PKLPKLLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPLKLENLKSLDL 120

Result No.	Score	Query Match	Length	DB	ID	Description
1	1001	82.3	249	1	US-08-466-603-2	Sequence 2, Appli
2	1001	82.3	249	1	US-08-314-503A-2	Sequence 2, Appli
3	1001	82.3	249	1	US-08-468-066-2	Sequence 2, Appli
4	1001	82.3	249	2	US-08-466-717-2	Sequence 2, Appli
5	1001	82.3	249	2	US-08-766-738-4	Sequence 4, Appli
6	1001	82.3	249	3	US-08-466-743-2	Sequence 2, Appli
7	1001	82.3	249	4	US-09-262-610-4	Sequence 4, Appli
8	1001	82.3	249	4	US-09-538-092-1101	Sequence 1101, Ap
9	1001	82.3	249	5	PCT-US95-12414-2	Sequence 2, Appli
10	1001	82.3	250	4	US-09-190-976B-17	Sequence 17, Appl
11	1001	82.3	275	4	US-09-949-016-7893	Sequence 7893, Ap
12	683.5	56.2	251	2	US-08-766-738-3	Sequence 3, Appli
13	683.5	56.2	251	4	US-09-262-610-3	Sequence 3, Appli
14	676.5	55.6	251	4	US-08-766-738-1	Sequence 1, Appli
15	676.5	55.6	251	4	US-09-262-610-1	Sequence 1, Appli
16	648.5	53.3	182	1	US-08-466-603-5	Sequence 5, Appli
17	648.5	53.3	182	1	US-08-314-503A-5	Sequence 5, Appli
18	648.5	53.3	182	1	US-08-468-066-5	Sequence 5, Appli
19	648.5	53.3	182	2	US-08-466-717-5	Sequence 5, Appli
20	648.5	53.3	182	3	US-08-466-743-5	Sequence 5, Appli
21	648.5	53.3	182	5	PCT-US95-12414-5	Sequence 5, Appli
22	164	13.5	557	4	US-09-248-796A-19073	Sequence 5, Appli
23	163.5	13.4	1162	2	US-08-728-323A-2	Sequence 19073, A
24	163.5	13.4	1162	3	US-09-298-568-2	Sequence 2, Appli
25	163.5	13.4	1162	4	US-09-410-399-2	Sequence 2, Appli
26	163.5	13.4	1162	4	US-09-894-273-2	Sequence 2, Appli
27	160	13.2	568	4	US-09-949-016-10896	Sequence 10896, A

Db 1 MEMGRIHLELRNRTSPDKVELDLSNRSGNEKLEGLTDFEFLSTINVLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSSTIEPLKLENLKSIDL 116
Db 61 PKLKLKLELSNRYSGGLEVLAEKCPNLTHLYLSGNKIKDLSSTIEPLKLENLKSIDL 120
QY 117 FNCVNTLNLDYGNVFKLLQLTYLDSQCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
Db 121 FNCVNTLNLDYGNVFKLLQLTYLDSQCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 234
Db 181 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 238

RESULT 2
US-08-314-503A-2
; Sequence 2, Application US/08314503A
; Patent No. 5734022
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhnajda, Francis P.
; TITLE OF INVENTION: No. 5734022el Mammalian Protein Associated with
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/314,503A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-314-503A-2

Query Match 82.3%; Score 1001; DB 1; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTSPDKVELDLSNRSGNEKLEGLTDFEFLSTINVLTSIANL 60
Db 1 MEMGRIHLELRNRTSPDKVELDLSNRSGNEKLEGLTDFEFLSTINVLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSSTIEPLKLENLKSIDL 116
Db 61 PKLKLKLELSNRYSGGLEVLAEKCPNLTHLYLSGNKIKDLSSTIEPLKLENLKSIDL 120
QY 117 FNCVNTLNLDYGNVFKLLQLTYLDSQCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
Db 121 FNCVNTLNLDYGNVFKLLQLTYLDSQCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 234
Db 181 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 238

Db 181 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 238

RESULT 3
US-08-468-066-2
; Sequence 2, Application US/08468066
; Patent No. 5756676
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhnajda, Francis P.
; TITLE OF INVENTION: No. 5756676el Mammalian Protein Associated with
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,066
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-468-066-2

Query Match 82.3%; Score 1001; DB 1; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTSPDKVELDLSNRSGNEKLEGLTDFEFLSTINVLTSIANL 60
Db 1 MEMGRIHLELRNRTSPDKVELDLSNRSGNEKLEGLTDFEFLSTINVLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSSTIEPLKLENLKSIDL 116
Db 61 PKLKLKLELSNRYSGGLEVLAEKCPNLTHLYLSGNKIKDLSSTIEPLKLENLKSIDL 120
QY 117 FNCVNTLNLDYGNVFKLLQLTYLDSQCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
Db 121 FNCVNTLNLDYGNVFKLLQLTYLDSQCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 234
Db 181 EDAQVVEDEGEHEEEDVSGGDEDEEGYNDGEVNDGEVDEBELGEERQKRK 238

RESULT 4
US-08-466-717-2
; Sequence 2, Application US/08466717
; Patent No. 5874234

```

; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: No. 5874234el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,717
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-466-717-2

Query Match 82.3%; Score 1001; DB 2; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

Qy 1 MEMGRIHSELNRAPSDVKELALDLSRSNEGKLEALTDEPEEFLEFLSKINGLTSIDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDLSRSNEGKLEALTDEPEEFLEFLSKINGLTSIDL 60
Qy 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLHLSGNKIKDLSTIEPLKOLENLSIDL 116
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLHLSGNKIKDLSTIEPLKOLENLSIDL 120
Qy 117 FNCVETNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDEDHVEGLDDEEGEHEEYD 176
Db 121 FNCVETNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDEDHVEGLDDEEGEHEEYD 180
Qy 177 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGVDGEDEEELGEERQK 234
Db 181 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGVDGEDEEELGEERQK 238

RESULT 5
US-08-766-738-4
; Sequence 4, Application US/08766738
; Patent No. 5916749
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive

```

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; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 403007
US-08-766-738-4

Query Match 82.3%; Score 1001; DB 2; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

Qy 1 MEMGRIHSELNRAPSDVKELALDLSRSNEGKLEALTDEPEEFLEFLSKINGLTSIDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDLSRSNEGKLEALTDEPEEFLEFLSKINGLTSIDL 60
Qy 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLHLSGNKIKDLSTIEPLKOLENLSIDL 116
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLHLSGNKIKDLSTIEPLKOLENLSIDL 120
Qy 117 FNCVETNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDEDHVEGLDDEEGEHEEYD 176
Db 121 FNCVETNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDEDHVEGLDDEEGEHEEYD 180
Qy 177 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGVDGEDEEELGEERQK 234
Db 181 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGVDGEDEEELGEERQK 238

RESULT 6
US-08-466-743-2
; Sequence 2, Application US/08466743
; Patent No. 6040173
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: No. 6040173el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,743
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/314,503
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Posorske Esq., Laurence H.
REGISTRATION NUMBER: 34,698
REFERENCE/DOCKET NUMBER: 1107.47218
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9153
TELEFAX: 202 508-9299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 249 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-743-2

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFELEFLSKINGLTSISDL 60
DB 1 MEMGRIHSELNRTPSDVKELVLDNRSGKLEGLTDEFELEFLSTINVGLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 116
DB 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
DB 121 FNCVNTNLDYRNVFKLLPQLTYLDGYRDDKEAPSDAEGYVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 7
US-09-262-610-4
Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:

Query Match 82.3%; Score 1001; DB 4; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFELEFLSKINGLTSISDL 60
DB 1 MEMGRIHSELNRTPSDVKELVLDNRSGKLEGLTDEFELEFLSTINVGLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 116
DB 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
DB 121 FNCVNTNLDYRNVFKLLPQLTYLDGYRDDKEAPSDAEGYVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 8
US-09-538-092-1101
Sequence 1101, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: Curapatseqformatter Version 0.9
SEQ ID NO 1101
LENGTH: 249
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: Polypeptide Accession Number P39687
US-09-538-092-1101

Query Match 82.3%; Score 1001; DB 4; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,743
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/314,503
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Posorske Esq., Laurence H.
REGISTRATION NUMBER: 34,698
REFERENCE/DOCKET NUMBER: 1107.47218
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9153
TELEFAX: 202 508-9299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 249 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-743-2

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFELEFLSKINGLTSISDL 60
DB 1 MEMGRIHSELNRTPSDVKELVLDNRSGKLEGLTDEFELEFLSTINVGLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 116
DB 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
DB 121 FNCVNTNLDYRNVFKLLPQLTYLDGYRDDKEAPSDAEGYVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 7
US-09-262-610-4
Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFELEFLSKINGLTSISDL 60
DB 1 MEMGRIHSELNRTPSDVKELVLDNRSGKLEGLTDEFELEFLSTINVGLTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 116
DB 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSLLD 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
DB 121 FNCVNTNLDYRNVFKLLPQLTYLDGYRDDKEAPSDAEGYVEGLDDEEGEHEEYD 180
QY 177 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEHEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 7
US-09-262-610-4
Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFEELFLSKINGLTSIDL 60
DB 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFEELFLSKINGLTSIDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSITIEPLKOLENLSIDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSITIEPLKOLENLSIDL 120
QY 117 FNCVNTLNDYGENVFKLLQLTYLDCSYWDHKEAPYSDIEDHVEGLDDEBEGEHEEYD 176
DB 121 FNCVNTLNDYGENVFKLLPQLTYLDGYDRDDKEAPSDAEGYVGLDDEBEDEEYD 180
QY 177 EDAQVVEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDE 234
DB 181 EDAQVVEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDE 238

RESULT 9

PCT-US95-12414-2
; Sequence 2, Application PC/TUS9512414
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: Novel Mammalian Protein Associated with
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/12414
; FILING DATE:

CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoscheit Esq., Dale H.
; REGISTRATION NUMBER: 19,090
; REFERENCE/DOCKET NUMBER: 1107.51507
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

PCT-US95-12414-2

Query Match 82.3%; Score 1001; DB 5; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFEELFLSKINGLTSIDL 60
DB 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFEELFLSKINGLTSIDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSITIEPLKOLENLSIDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSITIEPLKOLENLSIDL 120

QY 117 FNCVNTLNDYGENVFKLLQLTYLDCSYWDHKEAPYSDIEDHVEGLDDEBEGEHEEYD 176
DB 121 FNCVNTLNDYGENVFKLLPQLTYLDGYDRDDKEAPSDAEGYVGLDDEBEDEEYD 180
QY 177 EDAQVVEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDE 234
DB 181 EDAQVVEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDE 238

RESULT 10

US-09-190-976B-17
; Sequence 17, Application US/09190976B
; Patent No. 6815187
; GENERAL INFORMATION:
; APPLICANT: Simons, Michael
; APPLICANT: Horowitz, Arie

TITLE OF INVENTION: Stimulation of angiogenesis via
; syndecan-4 cytoplasmic domain signaling pathway
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David Prashker, Esq.
; STREET: P.O. Box 5387
; CITY: Magnolia
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01930

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
; COMPUTER: Dell PC
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Microsoft Word version 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/190.976B
; FILING DATE: 12-No. 6815187-1998

CLASSIFICATION: Unknown
; ATTORNEY/AGENT INFORMATION:
; NAME: David Prashker, Esq.
; REGISTRATION NUMBER: 29,693
; REFERENCE/DOCKET NUMBER: B1S-041

TELECOMMUNICATION INFORMATION:
; TELEPHONE: (978) 525-3794
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 250 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-09-190-976B-17
Query Match 82.3%; Score 1001; DB 4; Length 250;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFEELFLSKINGLTSIDL 60
DB 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEFEELFLSKINGLTSIDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSITIEPLKOLENLSIDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSITIEPLKOLENLSIDL 120
QY 117 FNCVNTLNDYGENVFKLLQLTYLDCSYWDHKEAPYSDIEDHVEGLDDEBEGEHEEYD 176
DB 121 FNCVNTLNDYGENVFKLLPQLTYLDGYDRDDKEAPSDAEGYVGLDDEBEDEEYD 180
QY 177 EDAQVVEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDE 234
DB 181 EDAQVVEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDEBEDE 238

RESULT 11

ug-09-591-500a-4.rai

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
; US-08-766-738-3

Query Match 56.2%; Score 683.5; DB 2; Length 251;
Best Local Similarity 61.0%; Pred. No. 1.6e-57;
Matches 152; Conservative 34; Mismatches 40; Indels 23; Gaps 8;

QY 1 MEMGRIHSELNRPADYKELALDMSRNEGKLEALTDEFELEFLSKINGGLTSSDL 60
DB 1 MDMKRIHLELNRRTPAAVRELVDNCKNDGKIEGLTAEFVNLFLSLINVGLISVSNL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKOLSTIEPLKOLENLKSLDL 116
DB 61 PKLPKLELSENRIFGGLDMLAEKLPNLTHLNSGNLKDISTLEPLKKLECKLSLDL 120
QY 117 FNCVNTLNIDYGNVFKLLLOLTLYLDSCYWDHKEAPYSDIETHVEGLDDEEGEH-EEY 175
DB 121 FNCVNTLNIDYRESVFKLLPQLTYLDGYDREDQAPDSDAE--VDGVDEEEDEEGEDEE 178
QY 176 DEDAQVVEDEEGEE--EEEGEEDVSG-----GDEDERGYNDGVDEGEDEELG 225
DB 179 DED-----DEGEEEFDEDEDEDEVEGDEDDDEVSEEEFGLDEDEDEDEDEE-E 232
QY 226 EEERGQKRX 234
DB 233 EGGKGEKRX 241

RESULT 13
US-09-262-610-3
; Sequence 3, Application US/09262610
; Patent No. 6428949
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/262,610
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/766,738
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:

```

NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0177 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 251 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 1498225
US-09-262-610-3

Query Match 56.2%; Score 683.5; DB 4; Length 251;
Best Local Similarity 61.0%; Pred. No. 1.6e-57;
Matches 152; Conservative 34; Mismatches 40; Indels 23; Gaps 8;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFEELFLSKINGLTSISDL 60
DB 1 MDKRIHLELRNRTPAARVRLVLDCKSDGKIEGLTAEFVNLEFLSLINVLISVNL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSIEPLKQLENLKSIDL 116
DB 61 PKLKKLELSENRIFGGLDLMAEKLPNLTHLNLSGNKLKDISTLEPLKLECLKSIDL 120
QY 117 FNCVTNLNDYGENVFKLLQLTYLDSCYWDHKEAPYSIDIEHVGLEDDEEGH-BEY 175
DB 121 FNCVTNLNDYRESVFKLLPQTYLDGYDREDQEAAPSDAE--VDGVDEEEDGEGDEE 178
QY 176 DEDAQVDEDEGEER---EEGEEDVSG-----GDEEDEEGYNDGEVDEEDELG 225
DB 179 DED-----DEGEERFEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232
QY 226 EEEGQKRRK 234
DB 233 EGGKGEKRRK 241

RESULT 14
US-09-766-738-1
Sequence 1, Application US/08766738
Patent No. 5916749
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,738
FILING DATE: Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0177 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 251 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: Consensus
CLONE: 1813361
US-08-766-738-1

Query Match 55.6%; Score 676.5; DB 2; Length 251;
Best Local Similarity 60.6%; Pred. No. 7.3e-57;
Matches 151; Conservative 34; Mismatches 41; Indels 23; Gaps 8;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFEELFLSKINGLTSISDL 60
DB 1 MDKRIHLELRNRTPAARVRLVLDCKSDGKIEGLTAEFVNLEFLSLINVLISVNL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSIEPLKQLENLKSIDL 116
DB 61 PKLKKLELSENRIFGGLDLMAEKLPNLTHLNLSGNKLKDISTLEPLKLECLKSIDL 120
QY 117 FNCVTNLNDYGENVFKLLQLTYLDSCYWDHKEAPYSIDIEHVGLED-DEEGEHEBEY 175
DB 121 FNCVTNLNDYRESVFKLLPQTYLDGYDREDQEAAPSDAE--VDGVDXEEDGEGDEE 178
QY 176 DEDAQVDEDEGEER---EEGEEDVSG-----GDEEDEEGYNDGEVDEEDELG 225
DB 179 DED-----DEGEERFEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232
QY 226 EEEGQKRRK 234
DB 233 EGGKGEKRRK 241

RESULT 15
US-09-262-610-1
Sequence 1, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/766,738
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749

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; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: Consensus
; CLONE: 1813361
; US-09-262-610-1

Query Match      55.6%; Score 676.5; DB 4; Length 251;
Best Local Similarity 60.6%; Pred. No. 7.3e-57;
Matches 151; Conservative 34; Mismatches 41; Indels 23; Gaps 8;

QY      1 MEMGRIRHSELNRAPSDVKELALDNRSGKLEALTDPEPELEFLSKINGLTSIDL 60
Db      1 MDMKRIHLELRNRTPAARVELVDNCKNDGKIEGLTAEFVNLEFLSLINVGLISVSNL 60

QY      61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLSGNKIKDSTIEPLKQLENLKSLLD 116
Db      61 PKLPKLLKLELSENRIFGGGLDMLAEKLPNLTNLNSGNKLDISTIEPLKLECLKSLDL 120

QY      117 FNCEVTNLNDYGENVFKLLQLTLDSYWDHKEAPYSIDIEHVEGLD-DEEAGEHEEY 175.
Db      121 FNCEVTNLNDYRESVFKLLPQLTYLDGYDREDQEPDSDAE--VDGVXXEEDGEDEE 178

QY      176 DEDAQVVEDEEGEE---EEEGEEDVSG-----GDREDEGYNDGVGDGDEDEELG 225
Db      179 DED-----DEDGEEEFDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232

QY      226 EERGGQKK 234
Db      233 EGGGKEKK 241
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Search completed: March 9, 2005, 11:40:35
Job time : 31.528 secs

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OM protein - protein search, using sw model

Run on: March 9, 2005, 11:36:27 ; Search time 88.6584 Seconds
(without alignments)
868.463 Million cell updates/sec

Title: US-09-591-500A-4
Perfect score: 1216
Sequence: 1 MEMGRRTHSELNRAPSDVK.....VDGDEDEELGEEGRGQKRK 234

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
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12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
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16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1216	100.0	234	14	US-10-273-334-2
2	1216	100.0	234	14	US-10-273-334-49
3	1209	99.4	234	14	US-10-273-334-16
4	1209	99.4	234	14	US-10-273-334-22
5	1161	95.5	234	14	US-10-273-334-24
6	1019	83.8	249	14	US-10-273-334-34
7	1001	82.3	249	9	US-09-262-610-4
8	1001	82.3	249	9	US-09-825-886-24
9	1001	82.3	249	14	US-10-213-700-4
10	1001	82.3	249	14	US-10-273-334-14
11	992	81.6	249	14	US-10-273-334-29
12	974	80.1	249	14	US-10-273-334-10
13	940	77.3	249	14	US-10-273-334-12

14	683.5	56.2	251	9	US-09-262-610-3	Sequence 3, Appli
15	683.5	56.2	251	14	US-10-213-700-3	Sequence 3, Appli
16	676.5	55.6	251	9	US-09-262-610-1	Sequence 1, Appli
17	676.5	55.6	251	14	US-10-213-700-1	Sequence 1, Appli
18	618	50.8	268	15	US-10-104-047-3158	Sequence 3158, Ap
19	532	43.8	130	14	US-10-273-334-31	Sequence 31, Appl
20	512	42.1	130	14	US-10-273-334-5	Sequence 5, Appli
21	492	40.5	130	14	US-10-273-334-8	Sequence 8, Appli
22	492	40.5	130	14	US-10-273-334-18	Sequence 18, Appl
23	492	40.5	130	14	US-10-273-334-20	Sequence 20, Appl
24	492	40.5	130	14	US-10-273-334-27	Sequence 27, Appl
25	482	39.6	131	14	US-10-273-334-48	Sequence 48, Appl
26	478	39.3	218	15	US-10-108-260A-3032	Sequence 3032, Ap
27	302.5	23.9	272	16	US-10-437-963-168933	Sequence 168933,
28	287.5	24.6	295	15	US-10-424-599-239171	Sequence 239171,
29	175	14.4	76	13	US-10-101-487-36	Sequence 36, Appl
30	174	14.3	542	15	US-10-205-331-57	Sequence 57, Appl
31	173	14.2	180	13	US-10-101-487-116	Sequence 116, App
32	173	14.2	197	13	US-10-101-487-51	Sequence 51, Appl
33	171	14.1	197	13	US-10-101-487-114	Sequence 114, App
34	170	14.0	200	13	US-10-101-487-53	Sequence 53, Appl
35	169	13.9	179	13	US-10-101-487-107	Sequence 107, App
36	169	13.9	181	13	US-10-101-487-45	Sequence 45, Appl
37	166	13.7	176	13	US-10-101-487-70	Sequence 70, Appl
38	166	13.7	177	13	US-10-101-487-48	Sequence 48, Appl
39	166	13.7	177	13	US-10-101-487-115	Sequence 115, App
40	166	13.7	179	13	US-10-101-487-46	Sequence 46, Appl
41	166	13.7	186	13	US-10-101-487-44	Sequence 44, Appl
42	166	13.7	187	13	US-10-101-487-50	Sequence 50, Appl
43	166	13.7	191	13	US-10-101-487-81	Sequence 81, Appl
44	166	13.7	198	13	US-10-101-487-42	Sequence 42, Appl
45	165	13.6	174	13	US-10-101-487-72	Sequence 72, Appl

ALIGNMENTS

RESULT 1
US-10-273-334-2
; Sequence 2, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kochevar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273.334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-2

Query Match 100.0%; Score 1216; DB 14; Length 234;
Best Local Similarity 100.0%; Pred. No. 6.2e-87;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MEMGRRTHSELNRAPSDVKELALDNRSGKLEALTDDEFEFLSKINGLTSD 60
Db 1 MEMGRRTHSELNRAPSDVKELALDNRSGKLEALTDDEFEFLSKINGLTSD 60
Qy 61 PKLRLKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSITIEPLKQLENKSLDLFNCE 120

Db 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120
QY 121 VTNLDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDDEEGEHEEYDEDAQ 180
Db 121 VTNLDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDDEEGEHEEYDEDAQ 180
QY 181 VVEDEEGEHEEHEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234
Db 181 VVEDEEGEHEEHEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234

RESULT 2

US-10-273-334-49
; Sequence 49, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-49

Query Match 100.0%; Score 1216; DB 14; Length 234;
Best Local Similarity 100.0%; Pred. No. 6.2e-87;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
QY 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120
Db 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120
QY 121 VTNLDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDDEEGEHEEYDEDAQ 180
Db 121 VTNLDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDDEEGEHEEYDEDAQ 180
QY 181 VVEDEEGEHEEHEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234
Db 181 VVEDEEGEHEEHEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234

RESULT 3

US-10-273-334-16
; Sequence 16, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18

; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-16

Query Match 99.4%; Score 1209; DB 14; Length 234;
Best Local Similarity 99.6%; Pred. No. 2.2e-86;
Matches 233; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
QY 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120
Db 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120
QY 121 VTNLDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDDEEGEHEEYDEDAQ 180
Db 121 VTNLDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDDEEGEHEEYDEDAQ 180
QY 181 VVEDEEGEHEEHEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234
Db 181 VVEDEEGEHEEHEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234

RESULT 4

US-10-273-334-22
; Sequence 22, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
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; SEQ ID NO 22
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-22

Query Match 99.4%; Score 1209; DB 14; Length 234;
Best Local Similarity 99.1%; Pred. No. 2.2e-86;
Matches 232; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
QY 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120
Db 61 PKLKLRLKLELVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNCE 120

QY 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDIEHVEGLDDEEGERGHEEYDEDAQ 180
 DB 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDIEHVEGLDDEEGERGHEEYDEDAQ 180
 QY 181 VVEDEGEEREEEGEEDVSGDDEDEGYNDGEVDGDEDEELGEERGGK 234
 DB 181 VVEDEGEEREEEGEEDVSGDDEDEGYNDGEVDGDEDEELGEERGGK 234

RESULT 5

US-10-273-334-24
 ; Sequence 24, Application US/10273334
 ; Publication No. US20030129631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pasternack, Gary R.
 ; APPLICANT: Kocheavar, Gerald J.
 ; APPLICANT: Brody, Jonathan R.
 ; APPLICANT: Kodkol, Shrihari S.
 ; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
 ; FILE REFERENCE: 031787.0076
 ; CURRENT APPLICATION NUMBER: US/10/273,334
 ; CURRENT FILING DATE: 2002-10-18
 ; PRIOR APPLICATION NUMBER: US/09/591,500
 ; PRIOR FILING DATE: 2000-12-06
 ; PRIOR APPLICATION NUMBER: PCT/US98/26433
 ; PRIOR FILING DATE: 1998-12-11
 ; PRIOR APPLICATION NUMBER: US 60/069,677
 ; PRIOR FILING DATE: 1997-12-11
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO 24
 ; LENGTH: 234
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-273-334-24

Query Match 95.5%; Score 1161; DB 14; Length 234;
 Best Local Similarity 95.7%; Pred. No. 1.2e-82;
 Matches 224; Conservative 2; Mismatches 8; Indels 0; Gaps 0;
 QY 1 MEMGRIHSELNRAPSDVKELALDNSRSGKLEALDTEPEELFLSKINGLTSIDL 60
 DB 1 MEMGRIHSELNRTPSDVKELVLDNSRSGKLEGLTDEPEELFLSTINVGLTSLANL 60
 QY 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKLENKSLDLFNC 120
 DB 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKLENKSLDLFNC 120
 QY 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDIEHVEGLDDEEGERGHEEYDEDAQ 180
 DB 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDIEHVEGLDDEEGERGHEEYDEDAQ 180
 QY 181 VVEDEGEEREEEGEEDVSGDDEDEGYNDGEVDGDEDEELGEERGGK 234
 DB 181 VVEDEGEEREEEGEEDVSGDDEDEGYNDGEVDGDEDEELGEERGGK 234

RESULT 6

US-10-273-334-34
 ; Sequence 34, Application US/10273334
 ; Publication No. US20030129631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pasternack, Gary R.
 ; APPLICANT: Kocheavar, Gerald J.
 ; APPLICANT: Brody, Jonathan R.
 ; APPLICANT: Kodkol, Shrihari S.
 ; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
 ; FILE REFERENCE: 031787.0076
 ; CURRENT APPLICATION NUMBER: US/10/273,334
 ; CURRENT FILING DATE: 2002-10-18
 ; PRIOR APPLICATION NUMBER: US/09/591,500
 ; PRIOR FILING DATE: 2000-12-06

; PRIOR APPLICATION NUMBER: PCT/US98/26433
 ; PRIOR FILING DATE: 1998-12-11
 ; PRIOR APPLICATION NUMBER: US 60/069,677
 ; PRIOR FILING DATE: 1997-12-11
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO 34
 ; LENGTH: 249
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-273-334-34

Query Match 83.8%; Score 1019; DB 14; Length 249;
 Best Local Similarity 87.0%; Pred. No. 1.5e-71;
 Matches 207; Conservative 7; Mismatches 20; Indels 4; Gaps 2;
 QY 1 MEMGRIHSELNRAPSDVKELALDNSRSGKLEALDTEPEELFLSKINGLTSIDL 60
 DB 1 MEMGRIHSELNRTPSDVKELVLDNSRSGKLEGLTDEPEELFLSTINVGLTSLANL 60
 QY 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKLENKSLDL 116
 DB 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKLENKSLDL 120
 QY 117 FNCEVTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDIEHVEGLDDEEGERGHEEYD 176
 DB 121 FNCEVTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIDIEHVEGLDDEEGERGHEEYD 180
 QY 177 EDQVVEDEGEEREEEGEEDVSGDDEDEGYNDGEVDGDEDEELGEERGGK 234
 DB 181 EDQVVEDEGEEREEEGEEDVSGDDEDEGYNDGEVDGDEDEELGEERGGK 238

RESULT 7

US-09-262-610-4
 ; Sequence 4, Application US/09262610
 ; Publication No. US20020068816A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Goli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/262,610
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/766,738
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0177 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 249 amino acids
 ; TYPE: amino acid

Db	121	FNCVNTNLDYRNVFKLLPQLT	YLDGYDRDDKEAPSDA	RGYVGLDDEDEDEEYD	180	
Qy	177	EDAQVVEDEGEDEEEDVSGDDE	BEGYNDGVDGDEEELGEERQK	234		
Db	181	EDAQVVEDEDEDEEEDVSGDEE	BEGYNDGVDDEEELGEERQK	238		
<p>RESULT 9</p> <p>US-10-213-700-4</p> <p>Sequence 4, Application US/10213700</p> <p>Publication No. US20030022332A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Bandman, Olga</p> <p>Goli, Surya K.</p> <p>TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN</p> <p>NUMBER OF SEQUENCES: 4</p> <p>CORRESPONDENCE ADDRESS:</p> <p>ADDRESSEE: Incyte Pharmaceuticals, Inc.</p> <p>STREET: 3174 Porter Drive</p> <p>CITY: Palo Alto</p> <p>STATE: CA</p> <p>COUNTRY: USA</p> <p>ZIP: 94304</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: Diskette</p> <p>COMPUTER: IBM Compatible</p> <p>OPERATING SYSTEM: DOS</p> <p>SOFTWARE: FastSeq for Windows Version 2.0</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/10/213,700</p> <p>FILING DATE: 06-Aug-2002</p> <p>CLASSIFICATION: <Unknown></p> <p>PRIOR APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/08/766,738</p> <p>FILING DATE: <Unknown></p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Billings, Lucy J.</p> <p>REGISTRATION NUMBER: 36,749</p> <p>REFERENCE/DOCKET NUMBER: PP-0177 US</p> <p>TELECOMMUNICATION INFORMATION:</p> <p>TELEPHONE: 415-855-0555</p> <p>TELEFAX: 415-845-4166</p> <p>TELEX: <Unknown></p> <p>INFORMATION FOR SEQ ID NO: 4:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 249 amino acids</p> <p>TYPE: amino acid</p> <p>STRANDEDNESS: single</p> <p>TOPOLOGY: linear</p> <p>IMMEDIATE SOURCE:</p> <p>LIBRARY: GenBank</p> <p>CLONE: 403007</p> <p>SEQUENCE DESCRIPTION: SEQ ID NO: 4:</p> <p>US-10-213-700-4</p> <p>Query Match 82.3%; Score 1001; DB 14; Length 249;</p> <p>Best Local Similarity 86.1%; Pred. No. 3.8e-70;</p> <p>Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;</p>						
Qy	1	MEMGRIHSELNRAPSDVKELALD	NSRSGKLEALTD	FEELFLSKINGLTSIDL	60	
Db	1	MEMGRIHLELRNRTPSDVKE	LVLDNSRSGKLEGLT	DFEELFLSTINVLGTSIALN	60	
Qy	61	PKL-KLRKLEL---	RVSGGLEVLAEKCPNLTHLY	LSGNKIKDLS	TIPLKOLENLKSLDL	116
Db	61	PKLNLKLELSDNRVSGGLE	VLAEKCPNLTHLNSGNKIKD	LS	TIPLKLENLKSLDL	120
Qy	117	FNCVNTNLDYGENVFKLLQ	LTLDSCYWDHKEAPYSDI	EDHVHVEGLDDEEGEHEBEYD	176	
Db	121	FNCVNTNLDYRNVFKLLPQ	LTLDGYDRDDKEAPSDA	RGYVGLDDEDEDEEYD	180	
Qy	177	EDAQVVEDEGEDEEEDVSGDDE	BEGYNDGVDGDEEELGEERQK	234		
Db	181	EDAQVVEDEDEDEEEDVSGDEE	BEGYNDGVDDEEELGEERQK	238		
<p>RESULT 8</p> <p>US-09-825-886-24</p> <p>Sequence 24, Application US/09825886</p> <p>Publication No. US2002076693A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Hovanessian, Axa</p> <p>APPLICANT: Callebaut, Christian</p> <p>APPLICANT: Krust, Bernard</p> <p>APPLICANT: Jacotot, Etienne</p> <p>APPLICANT: Muller, Sylviane</p> <p>APPLICANT: Briand, Jean-Paul</p> <p>APPLICANT: Guichard, Giles</p> <p>TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,</p> <p>TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.</p> <p>FILE REFERENCE: 03495.0166-01000</p> <p>CURRENT APPLICATION NUMBER: US/09/825,886</p> <p>CURRENT FILING DATE: 2001-07-26</p> <p>PRIOR APPLICATION NUMBER: 09/393,302</p> <p>PRIOR FILING DATE: 1993-09-10</p> <p>PRIOR APPLICATION NUMBER: PCT/EP98/01409</p> <p>PRIOR FILING DATE: 1998-03-12</p> <p>PRIOR APPLICATION NUMBER: 60/040,969</p> <p>PRIOR FILING DATE: 1997-03-12</p> <p>NUMBER OF SEQ ID NOS: 32</p> <p>SOFTWARE: Patentin Ver. 2.1</p> <p>SEQ ID NO 24</p> <p>LENGTH: 249</p> <p>TYPE: PRT</p> <p>ORGANISM: Homo sapiens</p> <p>US-09-825-886-24</p> <p>Query Match 82.3%; Score 1001; DB 9; Length 249;</p> <p>Best Local Similarity 86.1%; Pred. No. 3.8e-70;</p> <p>Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;</p>						
Qy	1	MEMGRIHSELNRAPSDVKELALD	NSRSGKLEALTD	FEELFLSKINGLTSIDL	60	
Db	1	MEMGRIHLELRNRTPSDVKE	LVLDNSRSGKLEGLT	DFEELFLSTINVLGTSIALN	60	
Qy	61	PKL-KLRKLEL---	RVSGGLEVLAEKCPNLTHLY	LSGNKIKDLS	TIPLKOLENLKSLDL	116
Db	61	PKLNLKLELSDNRVSGGLE	VLAEKCPNLTHLNSGNKIKD	LS	TIPLKLENLKSLDL	120
Qy	117	FNCVNTNLDYGENVFKLLQ	LTLDSCYWDHKEAPYSDI	EDHVHVEGLDDEEGEHEBEYD	176	

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Db 181 EDAQVVEDEDEDEEEEDVSGEEDVEGYNDEGVDDEDEDEEELGEEERGQKRK 238

RESULT 10
US-10-273-334-14
; Sequence 14, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 14
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-14

Query Match 82.3%; Score 1001; DB 14; Length 249;
Best Local Similarity 86.1%; Pred. No. 3.8e-70;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

Qy 1 MEMGRRHSELNRAPSDVKELALDNRSPNEGKLEALTDEFEFEFLSKINGLTSISDL 60
Db 1 MEMGRRHLELRNRTPSDVKELVDNRSGNKGLEGLTDEFEFEFLSTINVGLTSIANL 60

Qy 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 116
Db 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 120

Qy 117 FNCVETNLNDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEEGEHEBYD 176
Db 121 FNCVETNLNDYRENVFKLLPOLTYLDGYDRDKEAPSDAEGYVEGLDDEDEDEEYD 180

Qy 177 EDAQVVEDEGEDEEEDVSGDEDEDEGYNDEGVDGDEDEEELGEEERGQKRK 234
Db 181 EDAQVVEDEDEDEEEDVSGEEDVEGYNDEGVDDEDEDEEELGEEERGQKRK 238

RESULT 11
US-10-273-334-29
; Sequence 29, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 29
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; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-29

Query Match 81.6%; Score 992; DB 14; Length 249;
Best Local Similarity 85.7%; Pred. No. 1.9e-69;
Matches 204; Conservative 7; Mismatches 23; Indels 4; Gaps 2;

Qy 1 MEMGRRHSELNRAPSDVKELALDNRSPNEGKLEALTDEFEFEFLSKINGLTSISDL 60
Db 1 MEMGRRHLELRNRTPSDVKELVLNRSNKGLEGLTDEFEFEFLSTINVGLTSIANL 60

Qy 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 116
Db 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 120

Qy 117 FNCVETNLNDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEEGEHEBYD 176
Db 121 FNCVETNLNDYRENVFKLLPOLTYLDGYDRDKEAPSDAEGYVEGLDDEDEDEEYD 180

Qy 177 EDAQVVEDEGEDEEEDVSGDEDEDEGYNDEGVDGDEDEEELGEEERGQKRK 234
Db 181 EDAQVVEDEDEDEEEDVSGEEDVEGYNDEGVDDEDEDEEELGEEERGQKRK 238

RESULT 12
US-10-273-334-10
; Sequence 10, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 10
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-10

Query Match 80.1%; Score 974; DB 14; Length 249;
Best Local Similarity 84.5%; Pred. No. 4.8e-68;
Matches 201; Conservative 7; Mismatches 26; Indels 4; Gaps 2;

Qy 1 MEMGRRHSELNRAPSDVKELALDNRSPNEGKLEALTDEFEFEFLSKINGLTSISDL 60
Db 1 MEMGRRHLELRNRTPSDVKELVDNRSGNKGLEGLTDEFEFEFLSTINVGLTSIANL 60

Qy 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 116
Db 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENLKSIDL 120

Qy 117 FNCVETNLNDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEEGEHEBYD 176
Db 121 SNCEVTNLNDYRENVFKLLPOLTYLDGYDRDKEAPSDAEGYVEGLDDEDEDEEYD 180

Qy 177 EDAQVVEDEGEDEEEDVSGDEDEDEGYNDEGVDGDEDEEELGEEERGQKRK 234
Db 181 EDAQVVEDEDEDEEEDVSGEEDVEGYNDEGVDDEDEDEEELGEEERGQKRK 238
```

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RESULT 13
US-10-273-334-12
; Sequence 12, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kochevar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kokkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-12

Query Match      77.3%; Score 940; DB 14; Length 249;
Best Local Similarity 81.5%; Pred. No. 2.2e-65;
Matches 194; Conservative 12; Mismatches 28; Indels 4; Gaps 2;

QY 1 MEMGRRTHSELNRAPSDVKELALDNRSGNEKLEALTDFFELEFLSKINGLTSIDL 60
DB 1 MEMGKWIHLERARTPSDKVELFDSQSGNEKLEGLTDFEELINLTINIGLSIANL 60

QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKLENLKSIDL 116
DB 61 PKLKLKLELSSNRASVGLVLAECPLNLIHLNLSGNKIKDLSTIEPLKLENLKSIDL 120

QY 117 FNCVNTLNNDYGENVFKLLQLTYLDSQCYWDHKEAPYSIDIEDHVEGLDDEEHEEYD 176
DB 121 FTCEVTNLNNYRNVFKLLPQLTYLDGYDRDKEAPDSAEAGYVVEGLDDDEEEDYD 180

QY 177 EDAQVVEDEGEEREEEDVSGDEDEEGVNDGEVDEDEBELGEERQK 234
DB 181 EDAQVVEDEDEDEEEDVSGDEDEEGVNDGEVDEDEBELGEERQK 238

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RESULT 14
US-09-262-610-3
; Sequence 3, Application US/09262610
; Publication No. US20020068816A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/262,610
; FILING DATE:

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; CLASSIFICATION:
; PRIOR APPLICATION DATA: 08/766,738
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
; US-09-262-610-3

Query Match      56.2%; Score 683.5; DB 9; Length 251;
Best Local Similarity 61.0%; Pred. No. 2.1e-45;
Matches 152; Conservative 34; Mismatches 40; Indels 23; Gaps 8;

QY 1 MEMGRRTHSELNRAPSDVKELALDNRSGNEKLEALTDFFELEFLSKINGLTSIDL 60
DB 1 MDMKRRIHLELRNRTPAAVRELVLONCKNDGKIEGLTAEFVNLEFLSLINVGLISVNL 60

QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKLENLKSIDL 116
DB 61 PKLKLKLELSSNRASVGLVLAECPLNLIHLNLSGNKIKDLSTIEPLKLENLKSIDL 120

QY 117 FNCVNTLNNDYGENVFKLLQLTYLDSQCYWDHKEAPYSIDIEDHVEGLDDEEHEEYD 175
DB 121 FNCVNTLNNDYRESVFKLLPQLTYLDGYDRDKEAPDSAE--VDGVDEEEDDEGEDEE 178

QY 176 EDAQVVEDEGEEREE--EEGEEDVSG-----GDEDEEGVNDGEVDEEEDYD 225
DB 179 DED-----DEGEEDFEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232

QY 226 EEEGQK 234
DB 233 EGGK 241

RESULT 15
US-10-213-700-3
; Sequence 3, Application US/10213700
; Publication No. US2003002332A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/213,700
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>

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Search completed: March 9, 2005, 11:55:56
Job time : 89.6584 secs

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